## **IN THE CLAIMS**

1. (Original) Acetoxymethylacenaphthylene of the following formula (1).

$$CH_2$$
 $O$ 
 $CH_2$ 
 $CH_3$ 
 $CH_3$ 

2. (Original) Hydroxymethylacenaphthylene of the following formula (2).

$$CH_2$$
 OH

3. (Original) A polymer containing a structural unit of the following formula (3),

$$\begin{array}{c|c}
R^2 & R^3 \\
\hline
C & C
\end{array}$$

$$CH_2 - OR^1$$

wherein R<sup>1</sup> is a hydrogen atom and R<sup>2</sup> and R<sup>3</sup> individually represent a monovalent atom or a monovalent organic group, the polymer having a polystyrene-reduced weight average molecular weight determined by gel permeation chromatography (GPC) in the range of 500 to 10,000.

- 4. (Original) An antireflection film-forming composition comprising the polymer of Claim 3 and a solvent.
  - 5. (Currently Amended) [[The]] An antireflection film-forming composition comprising, a polymer having a structural unit of the following formula (4)

$$\begin{array}{c|c}
R^5 & H \\
C & C \\
H & \\
\end{array}$$

$$\begin{array}{c|c}
CH_2 & OR^4
\end{array}$$
(4)

wherein R<sup>4</sup> is a hydrogen atom or a monovalent organic group selected from the group consisting of a phenyl group, an alkyl group, an alkenyl group, an acyl group, and a group in which one or more hydrogen atoms of a phenyl group, an alkyl group, an alkenyl group, or an acyl group are replaced by one or more of the same or different substituents selected from the group consisting of a halogen atom, a hydroxyl group, a mercapto group, a nitro group and a sulfonic acid group, R<sup>5</sup> is a monovalent atom or a monovalent organic group, and n is 0 or 1, and a solvent.

6. (Currently Amended) An antireflection film-forming composition comprising, at least one polymer selected from the group consisting of: a polymer having [[the]] a structural unit of the following formula (3) of Claim 3

$$\begin{array}{c|c}
R^2 & R^3 \\
\hline
C & C
\end{array}$$

$$CH_2 - OR^1$$

wherein R<sup>1</sup> is a hydrogen atom and R<sup>2</sup> and R<sup>3</sup> individually represent a monovalent atom or a monovalent organic group and [[the]] a structural unit of the following formula (4) of Claim 5

wherein R<sup>4</sup> is a hydrogen atom or a monovalent organic group, R<sup>5</sup> is a monovalent atom or a monovalent organic group, and n is 0 or 1[[,]]; a polymer having [[the]] <u>a</u> structural unit of the formula (3) of Claim 3 and a structural unit of the following formula (5), and a polymer having the structural unit of the formula (4) of Claim 5 and a structural unit of the formula (5),

wherein R<sup>6</sup> and R<sup>7</sup> individually represent a monovalent atom or a monovalent organic group[[,]]; and a polymer having a structural unit of the formula (4) and a structural unit of the formula (5); and

a solvent.

- 7. (Original) The antireflection film-forming composition according to Claim 4, further comprising an acid generator.
- 8. (Original) The antireflection film-forming composition according to Claim 5, further comprising an acid generator.
- 9. (Original) The antireflection film-forming composition according to Claim 6, further comprising an acid generator.
  - 10. Canceled
  - 11. (New) An antireflection film-forming composition comprising: a polymer having a structural unit of the following formula (4):

wherein  $R^4$  is a hydrogen atom or a monovalent organic group and  $R^5$  is a monovalent atom or a monovalent organic group; and

a solvent.

12. (New) The antireflection film-forming composition according to Claim 11, further comprising an acid generator.